

SAE Handbook, Lesson 1

What is Supervised Agricultural Experience (SAE) and What Are the Benefits?

Unit. Supervised Agricultural Experience

Problem Area. Why have an SAE program?

Student Learning Objectives. As a result of this lesson, the student will...

1. Define the term SAE
2. List 10 benefits of having an SAE program



Time

Instruction time for this lesson: 50 minutes



Resources

<http://www.cals.ncsu.edu/agexed/sae/toolbox/index.html>



Tools, Equipment and Supplies

10 common objects such as a stapler, hammer, FFA Manual, pencil, etc.

A small table cloth

A pad of 3 x 5 post-it type notes

Writing Surface

Overhead Projector

SAE.1.TM.A-D

SAE.1.AS.A

SAE.1.Assess

SAE.1.PPT (A PowerPoint presentation containing the key materials in the lesson is also available).



Key Terms

The following terms are presented in this lesson and appear in bold italics:

- ***Supervised Agricultural Experience***



Interest Approach



Activity

Place ten common items such as a stapler, hammer, FFA manual, pencil, etc. on a table near the center of the classroom. Cover the items with a cloth. Have your students get in a circle around the table so that all can see the objects on the table when you remove the cloth.



How many of you have watched detective shows on television like CSI and The Monk? One of the characteristics of a good detective is the ability to observe. I am going to remove the cloth from this table and give you 15 seconds to look at the objects on this table. You cannot take notes. You are to only look at the items. After 15 seconds I will cover the objects and then we will see how many you can remember.

Uncover the items and allow the students to observe for 15 seconds. Have the students get with a partner and make a list of the objects they saw. Ask the various groups how many objects they could remember. Have the group with the most items list the items.



Now we are going to do another detective-like activity except this activity is a little harder and requires you to engage in some analysis. I am going to show you three different help wanted advertisements that appeared in the newspaper. Your job is to figure out what all three advertisements have in common.

Display SAE.1.TM.A for 45 seconds to a minute.

- Wanted: Landscape Maintenance worker, operate a lawn mower and power blower. Need a person who can work without supervision. Experience required. Call 515-7743.
- Vet Assistant needed. Mayflower Animal Hospital needs an experienced individual to work 20 hours a week. Duties including bathing animals, grooming and feeding of animals. Apply in person at 316 Walnut Street.
- Wanted: Dependable person to handle over-the-counter sales in a busy garden center. Pay is \$7.50 an hour. Neat appearance important along with the ability to work with people. Experience in working with plants a must. Call 515-2396 for an interview.



Who thinks they know the answer. What did all three advertisements have in common other than being agriculturally related?

Call on several students. (The answer is that the ads all want people with experience.)



All three positions wanted to hire a person who has experience.

SUMMARY OF CONTENT AND TEACHING STRATEGIES



OBJECTIVE 1: Define the term SAE

Write the following question on the writing surface, “How does one gain experience to get a job?” Ask the students for their suggestions on how to gain experience so they can get jobs. Discuss possible answers with the class.

This is a *which-came-first-the-chicken-or-egg* question. How can you get experience without first having the job, and how do you get the job without first having experience? There is an answer to this question. It is spelled SAE and stands for Supervised Agricultural Experience.

Display SAE.1.TM.B

- **Supervised Agricultural Experience** (SAE) Programs consist of planned practical activities conducted outside of class time in which students develop and apply agricultural knowledge and skills under the supervision of the teacher or other adult.

Discuss the visual. Key points to emphasize are that this experience is supervised. The teacher and/or employer and/or parent will be involved in helping the student with the experience. Another key word is agriculture. The activity should be related to agriculture. And, depending upon the SAE criteria used in your state, is probably done outside of normal class time. Finally, the word “experience” implies activity. In most cases, the student will be doing things physically and mentally.

Display SAE.1.TM.C.

Examples of SAE Activities

- Working in a flower shop
- Operating a pet sitting business
- Conducting a research project comparing different brands of plant food
- Developing a landscape plan for a community center
- Growing a vegetable garden
- Raising a show lamb
- Overhauling a tractor
- Building a water garden
- Conducting a survey of farmers to determine their most profitable crops
- Writing a series of articles about soil conservation for a newspaper
- Improving wildlife habitat
- Growing two acres of corn
- Operating a lawn care business
- Designing web pages for ranchers and farmers

Describe the examples on the visual.



Activity

Divide the students into groups of 2-3 and have them brainstorm other examples of possible SAE activities. Give the students two minutes to develop additional ideas. Have each group describe several of their examples.

OBJECTIVE 2: List 10 personal benefits of having an SAE program



Now that we know what an SAE is, the question is how does having an SAE benefit you? We know it might help in getting a job, but what are the other benefits to having an SAE?



Activity

Ask 2-3 students how having a SAE might be beneficial. You might have to give them hints such as “what other skills might you learn on a job” or “do you plan to work for free?” After a couple of responses, give each student two post-it type notes and have them write a benefit of having a SAE on each post-it note. The student should then place the post-it notes on a writing surface or wall near the front of the class.

Display SAE.1.TM.D.

Benefits of Having an SAE Program

- Develops skills that can be used in getting a job
- Provides the opportunity to make money
- Develops skills that can be used in starting your own business
- Helps development management skills
- Learn record keeping skills
- Improves decision making skills
- Teaches responsibility
- Provides the opportunity to explore possible careers
- Develops knowledge and skills that could be helpful in college, as a hobby or for recreation
- Provides the opportunity to win awards: FFA proficiency awards are based on the SAE program. In addition to winning awards, money can be won at regional, state and national levels.
- FFA degrees are partially based on the SAE. You must have an SAE program to advance.
- In order to be a state or national officer, you first must have an advanced FFA degree which is partially based on SAE.
- Could help the grade in Agriculture class

Have a student read off the benefits listed on the post-it notes. For those that match the items on the visual, check them off and discuss them. Describe the other benefits listed on the visual that the students have not identified. If students come up with benefits not listed on the visual, you might want to add them.



Review/Summary

Pass out copies of SAE.1.AS.A to each student. This is a word ladder. The goal is to change the word SAE into JOB by changing one letter at a time. Starting at the bottom the student is to change one letter in the word SAE to make a new word. Then one letter in that word is to be changed to make a new word. Then the resulting word should be changed twice more to create the word JOB. (the steps are SAE-SAD-SOD-SOB-JOB).



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be changed to make a new word. Then the resulting word should be changed twice more to create the word JOB. After you do that, write one sentence on the activity sheet defining SAE in your own words.



Application

Extended Classroom Activity:

Have students make a list of possible SAE opportunities in their home and community.

FFA Activity:

Have students go to the FFA web site (www.ffa.org) and find the section that discusses SAE.

SAE Activity:

Have the student write a paragraph describing an SAE in which they might be interested in participating.

Evaluation

SAE.1.Assess

Answers to Assessment:

1. T
2. T
3. F
4. T
5. F
6. T
7. items from SAE.1.TM.D.

Help Wanted Advertisements from the Newspaper

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SAE.1.AS.A.

SAE WORD LADDER

A “word ladder” is an activity where one letter in a word is changed to form a new word. You change one letter at a time until you have a new word.

(An Example: Change Cow into a Pig)

<i>Problem</i>	<i>Solution</i>
PIG	P I G
---	P I T
---	P O T
---	P O W
COW	C O W

See if you can change SAE into JOB.

J O B

— — —

— — —

— — —

S A E

What is Supervised Agricultural Experience (SAE) and What Are the Benefits?

True or False

Write "T":for true and "F" for false (2 points each)

- _____ 1. Most SAE programs are conducted outside of the normal agriculture class.
- _____ 2. The SAE is supervised by an adult.
- _____ 3. You can be a national FFA officer without having an SAE.
- _____ 4. Most SAE activities involve physical and mental activity.
- _____ 5. You must live on a farm in order to have an SAE program.
- _____ 6. The SAE should be agriculturally related.

Short Answer – (3 points)

Briefly answer the following statement.

7. List three benefits of having a SAE program.